

**MISSOURI**  
**2020 School Health Profiles Report**  
**Weighted Lead Health Education Teacher Survey Results**

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1. Percentage of schools in which students take the following number of required health education courses in grades 6 through 12.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
a. 0 courses	1.2	0.2 - 6.0	81	10.0	6.8 - 14.5	114	0.0	†	46	5.0	3.4 - 7.3	241
b. 1 course	45.8	36.5 - 55.5	81	16.3	11.0 - 23.5	114	45.3	33.0 - 58.2	46	32.0	27.1 - 37.2	241
c. 2 courses	22.4	15.3 - 31.6	81	26.0	19.6 - 33.7	114	26.0	17.3 - 37.2	46	24.8	20.4 - 29.8	241
d. 3 courses	10.3	6.6 - 15.8	81	29.5	22.6 - 37.5	114	19.9	12.4 - 30.3	46	21.2	17.3 - 25.7	241
e. 4 or more courses	20.3	14.0 - 28.4	81	18.2	12.6 - 25.4	114	8.8	3.6 - 19.7	46	17.0	13.2 - 21.4	241

† Confidence intervals not applicable for 0 percent or 100 percent.  
N = Unweighted number of observations

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1N. Percentage of all schools that require students to take two or more health education courses.

High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
95% Confidence			95% Confidence			95% Confidence			95% Confidence		
Percent	Interval	N	Percent	Interval	N	Percent	Interval	N	Percent	Interval	N
53.0	43.4 - 62.4	81	73.7	67.3 - 79.3	114	54.7	41.8 - 67.0	46	63.0	57.9 - 67.8	241

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2. Percentage of schools that taught a required health education course in each of the following grades.\*

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
a. Sixth grade	§	§	§	58.6	49.5 - 67.1	80	-	-	4	58.1	49.4 - 66.4	84
b. Seventh grade	§	§	§	80.6	74.2 - 85.6	99	66.6	51.5 - 79.0	30	77.1	71.2 - 82.1	129
c. Eighth grade	§	§	§	81.9	74.2 - 87.6	97	64.4	48.7 - 77.5	31	77.4	70.6 - 83.0	128
d. Ninth grade	83.0	72.4 - 90.2	69	-	-	0	72.4	57.3 - 83.7	36	79.2	70.7 - 85.7	105
e. Tenth grade	45.6	34.7 - 56.9	61	§	§	§	44.5	32.0 - 57.7	36	45.1	36.7 - 53.8	97
f. Eleventh grade	24.6	16.4 - 35.2	61	§	§	§	29.5	17.6 - 45.1	34	26.4	19.3 - 35.0	95
g. Twelfth grade	25.7	17.3 - 36.5	62	§	§	§	23.7	13.4 - 38.3	34	25.0	18.1 - 33.3	96

\*Among schools with students in that grade.

- Results are suppressed due to insufficient number of respondents in subgroup.

§ Grade is not applicable for type of school.

N = Unweighted number of observations

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3. Percentage of schools that require students who fail a required health education course to repeat it.\*

High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
95% Confidence			95% Confidence			95% Confidence			95% Confidence		
Percent	Interval	N	Percent	Interval	N	Percent	Interval	N	Percent	Interval	N
98.5	92.4 - 99.7	74	34.9	27.5 - 43.2	95	97.2	86.4 - 99.5	37	69.3	65.1 - 73.3	206

\*Among schools in which students take one or more required health education courses in any of grades 6 through 12.

N = Unweighted number of observations

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4. Percentage of schools in which those who teach health education are provided with each of the following materials.\*

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	95% Confidence			95% Confidence			95% Confidence			95% Confidence		
	Percent	Interval	N	Percent	Interval	N	Percent	Interval	N	Percent	Interval	N
a. Goals, objectives, and expected outcomes for health education	92.7	87.1 - 96.0	81	87.7	81.0 - 92.2	115	91.8	81.6 - 96.6	48	90.2	86.4 - 93.0	244
b. A chart describing the annual scope and sequence of instruction for health education	74.7	66.6 - 81.4	81	68.3	60.2 - 75.5	115	72.6	60.8 - 81.8	47	71.3	66.2 - 75.9	243
c. Plans for how to assess student performance in health education	83.3	75.5 - 88.9	81	73.1	65.2 - 79.7	115	68.9	56.4 - 79.2	48	75.5	70.5 - 79.9	244
d. A written health education curriculum	85.4	77.3 - 90.9	81	82.5	75.7 - 87.6	115	72.8	60.2 - 82.6	48	81.4	76.8 - 85.3	244

\*Among schools that teach health education. Respondents that answered "NA" are excluded.

N = Unweighted number of observations

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5. Percentage of schools in which the health education curriculum addresses each of the following skills.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
a. Comprehending concepts related to health promotion and disease prevention to enhance health	96.4	90.8 - 98.7	86	89.4	84.1 - 93.1	118	96.1	87.5 - 98.8	50	93.1	90.1 - 95.3	254
b. Analyzing the influence of family, peers, culture, media, technology, and other factors on health behaviors	95.4	89.6 - 98.0	86	89.2	84.9 - 92.4	118	96.1	87.5 - 98.8	50	92.7	90.0 - 94.7	254
c. Accessing valid information and products and services to enhance health	91.8	84.9 - 95.7	86	81.7	75.1 - 86.9	117	96.1	87.5 - 98.8	50	88.1	84.3 - 91.1	253
d. Using interpersonal communication skills to enhance health and avoid or reduce health risks	96.4	90.8 - 98.7	86	87.4	82.6 - 91.1	117	96.1	87.5 - 98.8	50	92.3	89.4 - 94.4	253
e. Using decision-making skills to enhance health	96.4	90.8 - 98.7	86	90.0	85.3 - 93.4	118	96.1	87.5 - 98.8	50	93.4	90.6 - 95.4	254
f. Using goal-setting skills to enhance health	93.1	86.6 - 96.6	86	90.1	85.3 - 93.4	118	96.1	87.5 - 98.8	50	92.3	89.3 - 94.6	254
g. Practicing health-enhancing behaviors to avoid or reduce risks	96.4	90.8 - 98.7	86	89.1	84.1 - 92.7	117	96.1	87.5 - 98.8	50	93.0	90.1 - 95.1	253
h. Advocating for personal, family, and community health	91.6	84.5 - 95.6	86	85.3	79.4 - 89.6	118	96.1	87.5 - 98.8	50	89.6	86.1 - 92.4	254

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6. Percentage of schools in which those who teach sexual health education are provided with each of the following materials.\*

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
a. An approved health education scope and sequence that includes learning objectives, outcomes, and content to guide sexual health education instruction	83.3	75.4 - 89.0	74	71.2	63.4 - 77.9	96	78.5	65.8 - 87.3	42	76.9	71.9 - 81.2	212
b. A written health education curriculum that includes objectives and content addressing sexual health education	78.3	70.1 - 84.8	73	74.9	67.3 - 81.2	96	66.6	54.9 - 76.6	42	74.3	69.4 - 78.7	211
c. Teacher pacing guides for sexual health education (i.e., schedules that regulate a teacher's pace of the unit or curriculum)	66.5	58.1 - 74.0	75	56.9	47.8 - 65.4	96	47.6	35.0 - 60.5	42	58.2	52.6 - 63.7	213
d. Teaching resources (e.g., lesson plans, handouts) to support sexual health education instruction	80.6	72.3 - 86.9	75	77.3	69.5 - 83.6	96	71.4	58.3 - 81.7	42	77.2	72.1 - 81.6	213
e. Strategies that are age-appropriate, relevant, and actively engage students in learning	84.7	76.4 - 90.4	75	80.4	73.2 - 86.0	96	76.7	63.7 - 86.0	43	81.1	76.3 - 85.1	214
f. Methods to assess student knowledge and skills related to sexual health education	82.3	74.1 - 88.3	75	76.1	68.2 - 82.5	96	72.2	59.8 - 82.0	43	77.4	72.4 - 81.7	214

\*Among schools that teach sexual health education.

N = Unweighted number of observations

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7. Percentage of schools that provide curricula or supplementary materials that include HIV, STD, or pregnancy prevention information that is relevant to lesbian, gay, bisexual, transgender, and questioning youth.

High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
95% Confidence			95% Confidence			95% Confidence			95% Confidence		
Percent	Interval	N	Percent	Interval	N	Percent	Interval	N	Percent	Interval	N
61.5	52.1 - 70.1	84	40.8	33.1 - 48.9	115	34.4	23.4 - 47.4	46	46.5	41.2 - 51.8	245

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8. Percentage of schools in which health education instruction is required for students in any of grades 6 through 12.

High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
95% Confidence			95% Confidence			95% Confidence			95% Confidence		
Percent	Interval	N	Percent	Interval	N	Percent	Interval	N	Percent	Interval	N
98.9	94.1 - 99.8	82	92.7	86.8 - 96.1	116	100.0	†	49	96.3	93.4 - 97.9	247

† Confidence intervals not applicable for 0 percent or 100 percent.  
N = Unweighted number of observations

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## 2020 School Health Profiles Report Weighted Lead Health Education Teacher Survey Results

9. Percentage of schools in which teachers tried to increase student knowledge on each of the following topics in a required course in any of grades 6 through 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
a. Alcohol- or other drug-use prevention	98.9	94.3 - 99.8	86	91.6	86.8 - 94.7	121	100.0	†	50	95.7	93.4 - 97.3	257
b. Asthma	71.7	62.5 - 79.3	86	72.3	65.1 - 78.5	122	75.6	63.0 - 84.9	49	72.8	67.7 - 77.2	257
c. Chronic disease prevention (e.g., diabetes, obesity prevention)	96.6	91.3 - 98.7	86	90.0	84.8 - 93.5	122	96.1	87.5 - 98.8	50	93.4	90.5 - 95.5	258
d. Emotional and mental health	98.9	94.3 - 99.8	86	89.0	83.6 - 92.7	122	97.9	89.4 - 99.6	50	94.1	91.3 - 96.0	258
e. Epilepsy or seizure disorder	62.1	52.7 - 70.7	86	50.6	42.8 - 58.4	119	63.3	50.5 - 74.4	49	57.1	51.7 - 62.3	254
f. Food allergies	82.4	74.0 - 88.6	86	74.5	67.4 - 80.5	120	89.8	79.2 - 95.4	49	80.3	75.7 - 84.2	255
g. Foodborne illness prevention	87.1	78.9 - 92.4	86	74.7	67.3 - 81.0	120	94.0	84.6 - 97.8	50	82.8	78.4 - 86.5	256
h. Human immunodeficiency virus (HIV) prevention	96.6	91.2 - 98.7	85	84.2	77.3 - 89.3	110	95.7	86.4 - 98.7	47	90.9	87.2 - 93.6	242
i. Human sexuality	83.0	74.9 - 88.8	85	66.1	58.0 - 73.4	107	80.4	68.5 - 88.5	46	75.0	70.0 - 79.4	238

† Confidence intervals not applicable for 0 percent or 100 percent.

N = Unweighted number of observations

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9. Percentage of schools in which teachers tried to increase student knowledge on each of the following topics in a required course in any of grades 6 through 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
j. Infectious disease prevention (e.g., influenza [flu] prevention)	95.6	90.0 - 98.1	86	87.1	80.7 - 91.6	121	93.9	84.4 - 97.8	50	91.3	87.7 - 93.9	257
k. Injury prevention and safety	95.4	89.5 - 98.1	86	89.8	83.5 - 93.9	122	100.0	†	49	93.7	90.4 - 96.0	257
l. Nutrition and dietary behavior	100.0	†	86	96.1	90.8 - 98.4	117	100.0	†	49	98.2	95.8 - 99.3	252
m. Physical activity and fitness	98.9	94.3 - 99.8	86	98.4	94.7 - 99.5	120	100.0	†	48	98.9	97.0 - 99.6	254
n. Pregnancy prevention	95.3	89.3 - 98.0	85	73.3	66.0 - 79.5	110	95.7	86.4 - 98.7	47	85.6	81.7 - 88.7	242
o. Sexually transmitted disease (STD) prevention	96.8	91.9 - 98.8	85	81.4	74.8 - 86.5	110	95.7	86.4 - 98.7	47	89.7	86.2 - 92.4	242
p. Suicide prevention	96.9	91.8 - 98.8	86	84.8	78.9 - 89.3	122	90.0	79.4 - 95.4	50	89.8	86.4 - 92.5	258
q. Tobacco-use prevention	98.9	94.3 - 99.8	85	92.1	86.9 - 95.4	120	100.0	†	49	96.0	93.4 - 97.6	254
r. Violence prevention (e.g., bullying, fighting, dating violence prevention)	96.2	90.2 - 98.6	86	93.1	88.2 - 96.0	122	96.0	87.2 - 98.8	50	94.7	91.8 - 96.6	258

† Confidence intervals not applicable for 0 percent or 100 percent.

N = Unweighted number of observations

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10. Percentage of schools in which teachers taught each of the following tobacco-use prevention topics in a required course for students in any of grades 6 through 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
a. Identifying tobacco products and the harmful substances they contain	97.6	92.5 - 99.3	86	88.4	84.2 - 91.6	119	100.0	†	49	93.9	91.6 - 95.5	254
b. Identifying short- and long-term health consequences of tobacco product use	97.6	92.5 - 99.3	86	90.6	85.6 - 94.0	119	100.0	†	49	94.9	92.3 - 96.6	254
c. Identifying social, economic, and cosmetic consequences of tobacco product use	92.8	87.8 - 95.9	86	81.8	76.3 - 86.3	119	87.7	76.4 - 94.0	49	86.7	83.2 - 89.6	254
d. Understanding the addictive nature of nicotine	96.3	90.6 - 98.6	85	89.0	83.6 - 92.8	119	98.0	89.6 - 99.6	49	93.3	90.3 - 95.4	253
e. Effects of nicotine on the adolescent brain	87.2	80.3 - 92.0	86	82.5	77.3 - 86.8	119	91.9	81.9 - 96.6	49	86.0	82.5 - 89.0	254
f. Effects of tobacco product use on athletic performance	87.3	79.3 - 92.5	86	83.2	76.9 - 88.1	119	85.6	73.8 - 92.7	49	85.1	80.8 - 88.5	254
g. Effects of second-hand smoke and benefits of a smoke-free environment	92.6	85.6 - 96.3	86	85.9	80.2 - 90.1	120	93.9	84.3 - 97.8	49	89.7	86.2 - 92.5	255
h. Understanding the social influences on tobacco product use, including media, family, peers, and culture	95.3	89.3 - 98.0	85	88.1	82.3 - 92.1	119	97.9	89.4 - 99.6	50	92.5	89.3 - 94.8	254
i. Identifying reasons why students do and do not use tobacco products	95.3	89.3 - 98.0	85	88.8	82.8 - 92.9	119	97.9	89.4 - 99.6	50	92.9	89.6 - 95.2	254
j. Making accurate assessments of how many peers use tobacco products	76.9	68.1 - 83.8	86	74.0	67.1 - 79.9	120	82.2	70.1 - 90.1	50	76.7	72.0 - 80.8	256

† Confidence intervals not applicable for 0 percent or 100 percent.

N = Unweighted number of observations

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10. Percentage of schools in which teachers taught each of the following tobacco-use prevention topics in a required course for students in any of grades 6 through 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
k. Using interpersonal communication skills to avoid tobacco product use (e.g., refusal skills, assertiveness)	94.3	88.0 - 97.3	85	87.4	82.5 - 91.1	120	91.8	81.7 - 96.6	50	90.6	87.3 - 93.1	255
l. Using goal-setting and decision-making skills related to not using tobacco products	85.6	78.0 - 90.8	86	82.6	76.3 - 87.5	120	84.1	72.3 - 91.5	50	83.9	79.8 - 87.3	256
m. Finding valid information and services related to tobacco-use prevention and cessation	86.0	78.7 - 91.1	86	77.2	70.3 - 83.0	119	82.0	69.5 - 90.1	50	81.1	76.6 - 85.0	255
n. Supporting others who abstain from or want to quit using tobacco products	86.0	77.6 - 91.5	86	70.2	63.9 - 75.8	120	86.0	74.5 - 92.8	50	78.7	74.4 - 82.5	256
o. Identifying harmful effects of tobacco product use on fetal development	92.6	85.6 - 96.3	86	73.9	68.0 - 79.2	121	89.7	81.9 - 94.3	49	83.3	79.7 - 86.4	256
p. Relationship between using tobacco products and alcohol or other drugs	91.8	84.9 - 95.7	85	83.6	77.9 - 88.1	121	92.0	85.6 - 95.7	50	88.0	84.6 - 90.8	256
q. How addiction to tobacco products can be treated	84.5	76.0 - 90.4	85	73.7	67.2 - 79.3	120	83.9	73.7 - 90.6	50	79.4	75.0 - 83.2	255
r. Understanding school policies and community laws related to the sale and use of tobacco products	91.8	84.8 - 95.7	86	84.9	79.0 - 89.3	120	86.1	74.6 - 92.9	50	87.4	83.5 - 90.5	256
s. Benefits of tobacco product cessation programs	71.3	62.1 - 79.1	86	61.6	55.0 - 67.9	121	66.3	52.5 - 77.7	50	65.8	60.8 - 70.5	257

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10N. Percentage of schools that taught all 19 tobacco-use prevention topics during the current school year.\*

High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
95% Confidence			95% Confidence			95% Confidence			95% Confidence		
Percent	Interval	N	Percent	Interval	N	Percent	Interval	N	Percent	Interval	N
51.0	41.6 - 60.4	86	48.4	41.8 - 55.1	121	52.3	39.2 - 65.1	50	50.1	44.9 - 55.2	257

\*Responses to question 10 a through s all are "yes."  
N = Unweighted number of observations

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## 2020 School Health Profiles Report Weighted Lead Health Education Teacher Survey Results

11. Percentage of schools in which teachers taught about the following tobacco products in a required course for students in any of grades 6 through 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
a. Cigarettes	94.1	87.7 - 97.3	86	89.2	83.8 - 92.9	121	100.0	†	50	93.0	90.0 - 95.2	257
b. Smokeless tobacco (e.g., chewing tobacco, snuff, dip, snus, dissolvable tobacco)	92.9	86.2 - 96.5	86	85.5	80.5 - 89.4	121	100.0	†	50	91.0	88.0 - 93.3	257
c. Cigars, little cigars, or cigarillos	77.9	68.8 - 84.8	86	68.2	61.1 - 74.5	121	86.0	76.5 - 92.1	50	75.1	70.4 - 79.2	257
d. Pipes	68.8	59.3 - 76.9	86	58.6	51.0 - 65.9	121	82.0	71.1 - 89.4	50	66.8	61.7 - 71.6	257
e. Electronic vapor products (e.g., e-cigarettes, vapes, vape pens, e-hookahs, mods, or brands such as JUUL)	94.0	87.6 - 97.2	85	89.8	84.1 - 93.6	121	100.0	†	50	93.3	90.1 - 95.5	256

† Confidence intervals not applicable for 0 percent or 100 percent.

N = Unweighted number of observations

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12. Percentage of schools in which teachers taught each of the following alcohol- and other drug-use prevention topics in a required course for students in any of grades 6 through 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	95% Confidence Interval		N	95% Confidence Interval		N	95% Confidence Interval		N	95% Confidence Interval		N
	Percent			Percent			Percent			Percent		
a. Differences between proper use and abuse of over-the-counter medicines and prescription medicines	94.1	89.8 - 96.6	86	79.3	73.2 - 84.3	120	91.9	81.9 - 96.6	50	86.8	83.4 - 89.7	256
b. Harmful short- and long-term physical, psychological, and social effects of using alcohol and other drugs	96.4	90.7 - 98.7	86	89.9	85.3 - 93.2	120	100.0	†	50	94.1	91.6 - 96.0	256
c. Situations that lead to the use of alcohol and other drugs	95.1	88.9 - 97.9	85	88.2	82.6 - 92.2	120	94.0	84.6 - 97.8	50	91.7	88.3 - 94.1	255
d. Alcohol and other drug use as an unhealthy way to manage weight	77.3	68.8 - 84.0	86	62.8	55.5 - 69.7	120	77.9	64.5 - 87.2	50	70.8	65.7 - 75.3	256
e. Identifying reasons why individuals choose to use or not to use alcohol and other drugs	97.6	92.5 - 99.3	86	86.7	81.2 - 90.8	120	92.3	82.8 - 96.7	50	91.5	88.5 - 93.7	256
f. Using interpersonal communication skills to avoid alcohol and other drug use (e.g., refusal skills, assertiveness)	98.9	94.3 - 99.8	86	89.1	83.6 - 92.9	120	96.0	87.2 - 98.8	50	93.8	90.9 - 95.8	256
g. Supporting others who abstain from or want to quit using alcohol and other drugs	93.3	86.9 - 96.7	86	79.4	73.3 - 84.3	120	90.3	80.2 - 95.5	50	86.3	82.7 - 89.2	256

† Confidence intervals not applicable for 0 percent or 100 percent.

N = Unweighted number of observations

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## 2020 School Health Profiles Report Weighted Lead Health Education Teacher Survey Results

12. Percentage of schools in which teachers taught each of the following alcohol- and other drug-use prevention topics in a required course for students in any of grades 6 through 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		Interval	N		Interval	N		Interval	N		Interval	N
h. Understanding the social influences on alcohol and other drug use, including media, family, peers, and culture	98.9	94.3 - 99.8	86	87.4	82.1 - 91.3	120	97.9	89.4 - 99.6	50	93.4	90.7 - 95.4	256
i. How to persuade and support others to be alcohol and other drug free	90.8	83.6 - 95.0	86	84.2	79.3 - 88.1	120	91.9	81.7 - 96.6	49	88.0	84.5 - 90.7	255

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13. Percentage of schools in which teachers taught each of the following sexual health topics in a required course in any of grades 6, 7, or 8 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
a. How HIV and other STDs are transmitted	§	§	§	73.2	65.1 - 80.0	103	38.7	25.1 - 54.3	31	64.7	57.6 - 71.2	134
b. Health consequences of HIV, other STDs, and pregnancy	§	§	§	72.4	64.5 - 79.1	103	45.2	30.8 - 60.4	31	65.7	58.7 - 72.0	134
c. The benefits of being sexually abstinent	§	§	§	77.8	69.7 - 84.2	101	46.9	32.3 - 62.1	32	69.9	62.7 - 76.2	133
d. How to access valid and reliable health information, products, and services related to HIV, other STDs, and pregnancy	§	§	§	63.7	56.4 - 70.4	105	45.4	31.5 - 60.0	31	59.2	52.7 - 65.5	136
e. The influences of family, peers, media, technology and other factors on sexual risk behaviors	§	§	§	72.0	63.8 - 78.9	101	48.3	35.1 - 61.7	31	66.1	59.1 - 72.4	132
f. Communication and negotiation skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy	§	§	§	65.1	56.4 - 73.0	104	55.0	40.0 - 69.3	31	62.7	55.1 - 69.6	135
g. Goal-setting and decision-making skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy	§	§	§	61.6	53.1 - 69.4	104	45.2	31.8 - 59.4	31	57.6	50.3 - 64.5	135
h. Influencing and supporting others to avoid or reduce sexual risk behaviors	§	§	§	68.1	59.2 - 75.9	102	46.8	31.3 - 62.9	30	63.0	55.1 - 70.2	132

§ Grade is not applicable for type of school.

N = Unweighted number of observations

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13. Percentage of schools in which teachers taught each of the following sexual health topics in a required course in any of grades 6, 7, or 8 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
i. Efficacy of condoms, that is, how well condoms work and do not work	§	§	§	46.1	37.9 - 54.5	106	23.4	12.5 - 39.7	30	40.8	33.8 - 48.1	136
j. The importance of using condoms consistently and correctly	§	§	§	37.2	29.6 - 45.6	107	22.5	11.6 - 39.1	31	33.7	27.1 - 41.0	138
k. How to obtain condoms	§	§	§	22.9	16.4 - 31.0	107	16.0	7.3 - 31.5	31	21.2	15.7 - 28.1	138
l. How to correctly use a condom	§	§	§	16.5	10.9 - 24.0	106	16.0	7.3 - 31.5	31	16.4	11.4 - 22.9	137
m. Methods of contraception other than condoms	§	§	§	45.3	37.0 - 53.9	104	25.8	14.5 - 41.8	31	40.6	33.5 - 48.0	135
n. The importance of using a condom at the same time as another form of contraception to prevent both STDs and pregnancy	§	§	§	39.2	31.1 - 48.0	107	26.0	14.2 - 42.7	31	36.0	29.0 - 43.7	138
o. How to create and sustain healthy and respectful relationships	§	§	§	75.4	67.2 - 82.0	99	61.3	44.4 - 75.9	31	71.8	64.4 - 78.2	130
p. The importance of limiting the number of sexual partners	§	§	§	60.6	52.1 - 68.5	105	42.1	27.4 - 58.4	31	56.1	48.6 - 63.4	136
q. Preventive care (such as screenings and immunizations) that is necessary to maintain reproductive and sexual health	§	§	§	64.3	56.0 - 71.9	105	35.5	21.0 - 53.3	31	57.3	49.8 - 64.5	136

§ Grade is not applicable for type of school.

N = Unweighted number of observations

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13. Percentage of schools in which teachers taught each of the following sexual health topics in a required course in any of grades 6, 7, or 8 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
r. How to communicate sexual consent between partners	§	§	§	53.0	44.5 - 61.3	105	32.3	18.9 - 49.5	31	48.0	40.6 - 55.4	136
s. Recognizing and responding to sexual victimization and violence	§	§	§	56.4	48.4 - 64.1	103	39.0	25.6 - 54.2	31	52.1	45.0 - 59.1	134
t. Diversity of sexual orientations and gender identities	§	§	§	31.6	24.2 - 40.2	105	19.2	9.3 - 35.5	31	28.6	22.2 - 36.0	136
u. How gender roles and stereotypes affect goals, decision making, and relationships	§	§	§	40.6	32.0 - 49.8	102	35.4	21.7 - 51.9	31	39.3	31.8 - 47.3	133
v. The relationship between alcohol and other drug use and sexual risk behaviors	§	§	§	75.8	67.5 - 82.6	101	58.3	42.0 - 73.0	31	71.4	64.0 - 77.9	132

§ Grade is not applicable for type of school.

N = Unweighted number of observations

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## 2020 School Health Profiles Report Weighted Lead Health Education Teacher Survey Results

13. Percentage of schools in which teachers taught each of the following sexual health topics in a required course in any of grades 9, 10, 11, or 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
a. How HIV and other STDs are transmitted	93.9	87.4 - 97.1	76	§	§	§	93.0	82.2 - 97.5	43	93.6	88.4 - 96.5	119
b. Health consequences of HIV, other STDs, and pregnancy	92.3	85.2 - 96.2	75	§	§	§	93.0	82.2 - 97.5	43	92.6	87.1 - 95.9	118
c. The benefits of being sexually abstinent	93.7	87.0 - 97.1	74	§	§	§	90.7	79.2 - 96.2	43	92.6	87.1 - 95.8	117
d. How to access valid and reliable health information, products, and services related to HIV, other STDs, and pregnancy	88.8	80.8 - 93.8	77	§	§	§	86.4	73.8 - 93.4	44	87.9	81.4 - 92.3	121
e. The influences of family, peers, media, technology and other factors on sexual risk behaviors	95.0	88.7 - 97.9	76	§	§	§	97.6	87.7 - 99.6	43	96.0	91.5 - 98.2	119
f. Communication and negotiation skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy	87.4	80.3 - 92.2	77	§	§	§	90.9	79.7 - 96.3	44	88.8	83.1 - 92.7	121
g. Goal-setting and decision-making skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy	88.3	79.9 - 93.5	75	§	§	§	84.4	72.5 - 91.8	44	86.8	80.6 - 91.2	119
h. Influencing and supporting others to avoid or reduce sexual risk behaviors	89.6	83.2 - 93.8	76	§	§	§	83.9	71.0 - 91.8	43	87.5	81.8 - 91.5	119

§ Grade is not applicable for type of school.

N = Unweighted number of observations

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13. Percentage of schools in which teachers taught each of the following sexual health topics in a required course in any of grades 9, 10, 11, or 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
i. Efficacy of condoms, that is, how well condoms work and do not work	79.9	72.9 - 85.4	77	§	§	§	72.9	62.9 - 80.9	44	77.2	71.5 - 82.0	121
j. The importance of using condoms consistently and correctly	72.7	63.9 - 80.0	75	§	§	§	66.8	55.1 - 76.7	45	70.4	63.4 - 76.5	120
k. How to obtain condoms	52.8	42.9 - 62.6	75	§	§	§	53.5	44.7 - 62.2	45	53.1	46.2 - 59.9	120
l. How to correctly use a condom	46.0	36.8 - 55.4	76	§	§	§	40.2	30.6 - 50.5	45	43.7	36.9 - 50.7	121
m. Methods of contraception other than condoms	75.0	67.0 - 81.6	75	§	§	§	73.3	63.3 - 81.5	45	74.4	68.2 - 79.7	120
n. The importance of using a condom at the same time as another form of contraception to prevent both STDs and pregnancy	77.9	69.1 - 84.7	75	§	§	§	73.3	60.3 - 83.3	45	76.1	68.9 - 82.1	120
o. How to create and sustain healthy and respectful relationships	93.6	86.7 - 97.1	76	§	§	§	93.0	82.2 - 97.5	43	93.4	88.1 - 96.4	119
p. The importance of limiting the number of sexual partners	87.1	78.6 - 92.6	75	§	§	§	86.4	73.8 - 93.4	44	86.8	80.1 - 91.5	119
q. Preventive care (such as screenings and immunizations) that is necessary to maintain reproductive and sexual health	89.7	81.8 - 94.4	75	§	§	§	77.3	63.1 - 87.2	44	84.9	77.9 - 90.0	119

§ Grade is not applicable for type of school.

N = Unweighted number of observations

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## 2020 School Health Profiles Report Weighted Lead Health Education Teacher Survey Results

13. Percentage of schools in which teachers taught each of the following sexual health topics in a required course in any of grades 9, 10, 11, or 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
r. How to communicate sexual consent between partners	76.4	66.7 - 84.0	75	§	§	§	79.5	65.2 - 88.9	44	77.6	69.8 - 83.9	119
s. Recognizing and responding to sexual victimization and violence	80.5	70.7 - 87.6	74	§	§	§	78.6	64.5 - 88.1	42	79.7	71.9 - 85.8	116
t. Diversity of sexual orientations and gender identities	59.8	49.7 - 69.1	75	§	§	§	52.2	39.6 - 64.5	44	56.8	48.9 - 64.5	119
u. How gender roles and stereotypes affect goals, decision making, and relationships	67.4	58.8 - 74.9	75	§	§	§	69.0	55.3 - 79.9	42	68.0	60.7 - 74.5	117
v. The relationship between alcohol and other drug use and sexual risk behaviors	95.0	88.6 - 97.9	75	§	§	§	92.9	81.8 - 97.4	42	94.2	89.0 - 97.0	117

§ Grade is not applicable for type of school.

N = Unweighted number of observations

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13N\_1. Percentage of schools that taught all 22 sexual health topics in any of grades 6, 7, or 8 during the current school year.\*

High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
95% Confidence			95% Confidence			95% Confidence			95% Confidence		
Percent	Interval	N	Percent	Interval	N	Percent	Interval	N	Percent	Interval	N
§	§	§	10.7	6.5 - 17.2	108	12.4	5.1 - 27.1	32	11.1	7.2 - 16.8	140

\*Responses to question 13 a through v all are "yes."

§ Grade is not applicable for type of school.

N = Unweighted number of observations

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13N\_2. Percentage of schools that taught all 22 sexual health topics in any of grades 9, 10, 11, or 12 during the current school year.\*

High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
95% Confidence			95% Confidence			95% Confidence			95% Confidence		
Percent	Interval	N	Percent	Interval	N	Percent	Interval	N	Percent	Interval	N
30.3	21.3 - 41.0	74	§	§	§	29.0	18.9 - 41.9	45	29.8	22.8 - 37.9	119

\*Responses to question 13 a through v all are "yes."

§ Grade is not applicable for type of school.

N = Unweighted number of observations

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## 2020 School Health Profiles Report Weighted Lead Health Education Teacher Survey Results

14. Percentage of schools in which teachers assess the ability of students to do each of the following in a required course for students in any of grades 6, 7, or 8 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
a. Comprehend concepts important to prevent HIV, other STDs, and pregnancy	§	§	§	66.6	58.0 - 74.2	106	41.3	26.6 - 57.7	29	60.8	53.3 - 67.9	135
b. Analyze the influence of family, peers, culture, media, technology, and other factors on sexual risk behaviors	§	§	§	63.2	55.2 - 70.5	106	46.7	31.7 - 62.4	30	59.3	52.1 - 66.2	136
c. Access valid information, products, and services to prevent HIV, other STDs, and pregnancy	§	§	§	55.4	47.3 - 63.3	106	40.2	25.2 - 57.1	30	51.8	44.5 - 59.1	136
d. Use interpersonal communication skills to avoid or reduce sexual risk behaviors	§	§	§	66.8	58.0 - 74.5	106	53.6	37.8 - 68.7	30	63.7	55.9 - 70.7	136
e. Use decision-making skills to prevent HIV, other STDs, and pregnancy	§	§	§	66.5	58.1 - 74.0	106	50.2	34.7 - 65.6	30	62.7	55.2 - 69.6	136
f. Set personal goals that enhance health, take steps to achieve these goals, and monitor progress in achieving them	§	§	§	66.9	58.4 - 74.4	106	56.9	40.8 - 71.6	30	64.6	57.1 - 71.4	136
g. Influence and support others to avoid or reduce sexual risk behaviors	§	§	§	59.4	51.4 - 66.9	106	50.2	34.7 - 65.6	30	57.2	50.1 - 64.1	136

§ Grade is not applicable for type of school.

N = Unweighted number of observations

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14. Percentage of schools in which teachers assess the ability of students to do each of the following in a required course for students in any of grades 9, 10, 11, or 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
a. Comprehend concepts important to prevent HIV, other STDs, and pregnancy	92.8	85.9 - 96.4	77	§	§	§	82.3	70.9 - 89.8	45	88.7	83.0 - 92.7	122
b. Analyze the influence of family, peers, culture, media, technology, and other factors on sexual risk behaviors	90.0	82.2 - 94.6	77	§	§	§	91.0	79.9 - 96.3	45	90.4	84.5 - 94.2	122
c. Access valid information, products, and services to prevent HIV, other STDs, and pregnancy	82.8	74.9 - 88.6	77	§	§	§	80.1	68.1 - 88.4	45	81.8	75.3 - 86.8	122
d. Use interpersonal communication skills to avoid or reduce sexual risk behaviors	88.2	80.3 - 93.2	77	§	§	§	86.8	77.2 - 92.7	45	87.6	81.8 - 91.8	122
e. Use decision-making skills to prevent HIV, other STDs, and pregnancy	85.1	76.3 - 91.1	77	§	§	§	84.5	73.9 - 91.3	45	84.9	78.4 - 89.7	122
f. Set personal goals that enhance health, take steps to achieve these goals, and monitor progress in achieving them	83.5	75.2 - 89.4	77	§	§	§	86.7	75.0 - 93.4	45	84.7	78.3 - 89.5	122
g. Influence and support others to avoid or reduce sexual risk behaviors	84.3	76.1 - 90.0	77	§	§	§	75.8	62.9 - 85.2	45	81.0	74.4 - 86.2	122

§ Grade is not applicable for type of school.

N = Unweighted number of observations

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## 2020 School Health Profiles Report Weighted Lead Health Education Teacher Survey Results

15. Percentage of schools in which teachers provided students with the opportunity to practice the following skills in a required course for students in any of grades 6 through 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
a. Communication, decision-making, goal-setting, or refusal skills related to sexual health (e.g., through role playing)	77.6	69.7 - 83.9	86	54.0	47.5 - 60.4	120	78.2	66.6 - 86.5	50	66.8	62.4 - 71.0	256
b. Analyzing the influence of family, media, and culture on sexual health	86.5	78.4 - 91.8	86	58.6	53.1 - 63.8	120	85.8	74.1 - 92.8	50	73.5	69.5 - 77.1	256
c. Accessing valid sexual health information, products, and services	79.2	69.6 - 86.3	86	51.0	44.3 - 57.7	120	70.2	57.6 - 80.3	50	64.3	59.5 - 68.9	256

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16. Percentage of schools in which teachers implemented the following inclusive practices when providing sexual health education in a required course for students in grades 6 through 12 during the current school year.\*

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	95% Confidence Interval		N	95% Confidence Interval		N	95% Confidence Interval		N	95% Confidence Interval		N
	Percent			Percent			Percent			Percent		
a. Encouraged use of gender-neutral pronouns such as “they/them” during instruction to recognize gender diversity among students	42.4	33.1 - 52.3	71	26.7	20.0 - 34.7	94	35.6	22.8 - 50.8	34	33.8	28.5 - 39.6	199
b. Provided positive examples of lesbian, gay, bisexual, or transgender (LGBT) people and same-sex relationships	38.3	30.9 - 46.3	71	28.2	20.6 - 37.2	96	29.2	17.5 - 44.5	34	31.9	26.7 - 37.5	201
c. Encouraged students to respect others’ sexual and gender identities	88.0	80.4 - 92.9	71	66.2	56.5 - 74.7	96	82.6	71.0 - 90.2	34	76.8	71.3 - 81.5	201
d. Provided students with information about LGBT resources within the school (e.g., counseling services, student support groups like Gay/Straight Alliances or Genders and Sexualities Alliances)	44.6	36.0 - 53.6	70	28.4	21.4 - 36.6	96	29.3	17.2 - 45.4	34	34.1	28.9 - 39.8	200
e. Identified additional LGBT resources available in the community or online	25.9	17.9 - 36.0	70	19.8	13.8 - 27.6	96	17.5	8.7 - 32.0	34	21.5	16.9 - 26.9	200

\*Among schools that teach sexual health education.  
N = Unweighted number of observations

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17. Percentage of schools in which teachers taught each of the following nutrition and dietary behavior topics in a required course for students in any of grades 6 through 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
a. Benefits of healthy eating	98.9	94.3 - 99.8	86	95.3	89.9 - 97.9	117	100.0	†	49	97.5	94.9 - 98.8	252
b. Benefits of drinking plenty of water	98.9	94.3 - 99.8	86	95.3	89.9 - 97.9	117	100.0	†	49	97.5	94.9 - 98.8	252
c. Benefits of eating breakfast every day	95.6	90.0 - 98.1	86	89.6	85.3 - 92.7	117	97.9	89.1 - 99.6	49	93.3	90.7 - 95.2	252
d. Food guidance using the current Dietary Guidelines for Americans (e.g., MyPlate)	94.3	88.2 - 97.4	86	92.0	86.8 - 95.3	119	100.0	†	49	94.4	91.5 - 96.4	254
e. Using food labels	98.9	94.3 - 99.8	86	90.2	83.8 - 94.2	118	98.0	89.6 - 99.6	49	94.7	91.6 - 96.7	253
f. Differentiating between nutritious and non-nutritious beverages	98.9	94.3 - 99.8	86	90.5	85.7 - 93.8	118	97.9	89.1 - 99.6	49	94.8	92.3 - 96.5	253
g. Balancing food intake and physical activity	98.9	94.3 - 99.8	86	94.4	88.8 - 97.3	117	100.0	†	49	97.1	94.4 - 98.5	252
h. Eating more fruits, vegetables, and whole grain products	98.9	94.3 - 99.8	86	92.7	87.7 - 95.8	118	100.0	†	49	96.3	93.9 - 97.8	253
i. Choosing foods and snacks that are low in solid fat (i.e., saturated and trans fat)	97.6	92.5 - 99.3	86	88.7	84.8 - 91.7	118	100.0	†	49	94.0	91.9 - 95.6	253
j. Choosing foods, snacks, and beverages that are low in added sugars	98.9	94.3 - 99.8	86	90.4	86.3 - 93.3	118	100.0	†	49	95.2	93.2 - 96.7	253
k. Choosing foods and snacks that are low in sodium	97.9	93.2 - 99.4	86	88.7	84.9 - 91.7	118	100.0	†	49	94.1	92.1 - 95.7	253

† Confidence intervals not applicable for 0 percent or 100 percent.

N = Unweighted number of observations

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17. Percentage of schools in which teachers taught each of the following nutrition and dietary behavior topics in a required course for students in any of grades 6 through 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
l. Eating a variety of foods that are high in calcium	95.4	89.5 - 98.0	86	88.7	84.8 - 91.7	118	97.9	89.1 - 99.6	49	92.8	90.3 - 94.7	253
m. Eating a variety of foods that are high in iron	94.1	87.7 - 97.3	86	86.3	81.6 - 90.0	119	97.9	89.1 - 99.6	49	91.3	88.4 - 93.5	254
n. Food safety	93.1	86.5 - 96.6	86	85.4	80.4 - 89.3	117	95.9	86.9 - 98.8	49	90.2	87.0 - 92.6	252
o. Preparing healthy meals and snacks	96.4	90.7 - 98.7	86	90.5	86.6 - 93.3	118	98.0	89.6 - 99.6	49	94.0	91.6 - 95.8	253
p. Risks of unhealthy weight control practices	98.9	94.3 - 99.8	86	87.8	81.6 - 92.1	118	98.0	89.6 - 99.6	49	93.6	90.5 - 95.7	253
q. Accepting body size differences	95.4	89.5 - 98.0	86	86.1	79.9 - 90.5	118	96.0	87.2 - 98.8	49	91.2	87.8 - 93.7	253
r. Signs, symptoms, and treatment for eating disorders	97.9	93.2 - 99.4	86	80.8	73.7 - 86.3	117	98.0	89.8 - 99.6	50	90.1	86.6 - 92.8	253
s. Relationship between diet and chronic diseases	98.9	94.3 - 99.8	86	83.6	77.1 - 88.5	118	95.9	86.9 - 98.8	49	91.2	87.9 - 93.7	253
t. Assessing body mass index (BMI)	88.3	81.6 - 92.7	86	73.6	66.8 - 79.5	118	85.7	76.0 - 91.9	49	81.0	76.9 - 84.5	253
u. The influence of the media on dietary behaviors	97.9	93.2 - 99.4	86	87.6	81.8 - 91.7	117	100.0	†	49	93.6	90.8 - 95.7	252
v. Food production, including how food is grown, harvested, processed, packaged, and transported	83.1	74.9 - 89.0	84	68.6	61.8 - 74.7	118	81.6	69.2 - 89.8	49	76.1	71.5 - 80.2	251

† Confidence intervals not applicable for 0 percent or 100 percent.

N = Unweighted number of observations

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17N. Percentage of schools that taught all 22 nutrition and dietary behavior topics during the current school year.\*

High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
95% Confidence			95% Confidence			95% Confidence			95% Confidence		
Percent	Interval	N	Percent	Interval	N	Percent	Interval	N	Percent	Interval	N
72.2	63.8 - 79.3	84	58.1	51.0 - 64.9	117	69.3	55.9 - 80.1	49	65.1	60.1 - 69.9	250

\*Responses to question 17 a through v all are “yes.”  
 N = Unweighted number of observations

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18. Percentage of schools in which teachers taught each of the following physical activity topics in a required course for students in any of grades 6 through 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
a. Short-term and long-term benefits of physical activity, including reducing the risks for chronic disease	96.6	91.3 - 98.7	86	97.5	93.4 - 99.1	119	98.0	89.8 - 99.6	50	97.3	94.9 - 98.6	255
b. Mental and social benefits of physical activity	96.6	91.3 - 98.7	86	96.6	92.3 - 98.6	119	100.0	†	49	97.3	94.9 - 98.6	254
c. Health-related fitness (i.e., cardiorespiratory endurance, muscular endurance, muscular strength, flexibility, and body composition)	95.1	89.0 - 97.9	86	98.4	94.7 - 99.5	119	96.1	87.5 - 98.8	50	96.8	94.2 - 98.3	255
d. Phases of a workout (i.e., warm-up, workout, and cool down)	91.6	84.4 - 95.6	85	97.7	93.9 - 99.1	119	94.1	84.9 - 97.8	50	94.9	91.9 - 96.8	254
e. Recommended amounts and types of moderate, vigorous, muscle-strengthening, and bone-strengthening physical activity	95.1	89.0 - 97.9	86	96.1	91.0 - 98.4	119	92.1	85.9 - 95.7	50	95.0	92.1 - 96.8	255
f. Decreasing sedentary activities (e.g., television viewing, using video games)	94.1	87.8 - 97.3	86	98.4	94.7 - 99.5	119	98.0	89.6 - 99.6	49	96.9	94.3 - 98.3	254
g. Preventing injury during physical activity	95.1	89.0 - 97.9	86	97.5	95.7 - 98.6	119	94.1	84.9 - 97.8	50	96.0	93.6 - 97.6	255

† Confidence intervals not applicable for 0 percent or 100 percent.

N = Unweighted number of observations

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18. Percentage of schools in which teachers taught each of the following physical activity topics in a required course for students in any of grades 6 through 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
h. Weather-related safety (e.g., avoiding heat stroke, hypothermia, and sunburn while physically active)	87.3	79.3 - 92.5	86	90.6	84.5 - 94.5	120	96.0	87.2 - 98.8	49	90.6	86.8 - 93.4	255
i. Dangers of using performance-enhancing drugs (e.g., steroids)	91.8	84.9 - 95.8	86	81.9	76.3 - 86.3	120	94.1	84.9 - 97.8	50	87.7	84.2 - 90.5	256
j. Increasing daily physical activity	95.3	89.2 - 98.0	84	98.4	94.7 - 99.5	119	94.1	84.9 - 97.8	50	96.4	93.8 - 98.0	253
k. Incorporating physical activity into daily life (without relying on a structured exercise plan or special equipment)	97.6	92.5 - 99.3	86	97.6	93.6 - 99.1	119	96.1	87.5 - 98.8	50	97.3	94.9 - 98.6	255
l. Using safety equipment for specific physical activities	89.1	81.3 - 93.9	86	93.0	87.3 - 96.2	119	85.7	74.2 - 92.6	49	90.2	86.2 - 93.1	254
m. Benefits of drinking water before, during, and after physical activity	96.4	90.7 - 98.7	86	98.4	94.7 - 99.5	119	98.0	89.6 - 99.6	49	97.6	95.3 - 98.8	254

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18N. Percentage of schools that taught all 13 physical activity topics during the current school year.\*

High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
95% Confidence			95% Confidence			95% Confidence			95% Confidence		
Percent	Interval	N	Percent	Interval	N	Percent	Interval	N	Percent	Interval	N
79.0	69.4 - 86.2	84	77.7	72.2 - 82.5	120	80.1	68.8 - 88.0	50	78.6	74.2 - 82.5	254

\*Responses to question 18 a through m all are "yes."  
 N = Unweighted number of observations

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19. Percentage of schools in which health education staff worked with the following groups on health education activities during the current school year.\*

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
a. Physical education staff	81.2	72.3 - 87.7	71	94.2	90.0 - 96.7	101	81.3	67.2 - 90.2	43	87.2	82.9 - 90.5	215
b. Health services staff (e.g., nurses)	71.5	61.7 - 79.7	71	79.0	71.6 - 84.8	101	76.9	65.9 - 85.1	43	76.1	71.1 - 80.5	215
c. Mental health or social services staff (e.g., psychologists, counselors, social workers)	69.3	58.4 - 78.5	71	74.5	67.2 - 80.7	101	67.0	55.4 - 76.9	42	71.2	65.9 - 76.1	214
d. Nutrition or food service staff	34.6	25.6 - 44.9	71	45.6	36.7 - 54.9	101	44.6	32.2 - 57.7	43	41.8	36.0 - 47.9	215
e. School health council, committee, or team	51.3	41.3 - 61.3	71	53.9	44.9 - 62.7	99	57.4	43.8 - 70.1	42	53.8	47.8 - 59.8	212

\*Among schools that have health education staff.  
N = Unweighted number of observations

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20. Percentage of schools that provided parents and families with health information designed to increase parent and family knowledge of the following topics during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
a. HIV, other STD, or pregnancy prevention	20.5	13.8 - 29.4	84	32.9	26.9 - 39.6	120	30.0	21.8 - 39.8	50	28.3	24.1 - 32.8	254
b. Tobacco-use prevention	35.3	27.3 - 44.1	84	33.9	27.1 - 41.4	119	38.0	29.4 - 47.5	50	35.2	30.7 - 40.1	253
c. Alcohol- or other drug-use prevention	33.2	25.7 - 41.7	84	31.4	25.1 - 38.6	119	34.1	24.6 - 45.0	50	32.6	28.1 - 37.3	253
d. Physical activity	22.6	15.6 - 31.4	84	51.8	43.7 - 59.9	119	44.0	32.7 - 56.0	50	40.6	35.5 - 45.9	253
e. Nutrition and healthy eating	28.5	20.6 - 38.0	84	57.0	49.3 - 64.4	119	50.1	38.0 - 62.2	50	46.2	41.1 - 51.5	253
f. Asthma	16.7	10.4 - 25.6	84	29.4	23.0 - 36.7	119	32.1	22.3 - 43.7	50	25.8	21.4 - 30.7	253
g. Food allergies	22.6	15.9 - 31.0	85	43.8	37.0 - 50.9	120	40.0	29.8 - 51.1	50	36.0	31.5 - 40.8	255
h. Diabetes	19.2	12.4 - 28.5	84	28.0	21.2 - 36.0	119	36.1	27.1 - 46.3	50	26.9	22.4 - 31.9	253
i. Preventing student bullying and sexual harassment, including electronic aggression (i.e., cyber-bullying)	50.3	41.5 - 59.1	83	71.6	64.2 - 78.0	119	64.0	50.4 - 75.7	50	63.1	57.8 - 68.0	252

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21. Percentage of schools in which teachers have given students health education homework assignments or activities to do at home with their parents during the current school year.

High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
95% Confidence			95% Confidence			95% Confidence			95% Confidence		
Percent	Interval	N	Percent	Interval	N	Percent	Interval	N	Percent	Interval	N
37.5	29.0 - 46.9	81	50.6	43.6 - 57.5	119	48.9	37.0 - 61.0	49	46.0	41.0 - 51.2	249

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22. Percentage of schools in which the lead health education teacher received professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on each of the following topics during the past two years.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
a. Alcohol- or other drug-use prevention	28.8	22.2 - 36.4	86	35.9	28.6 - 43.9	121	40.3	29.6 - 51.9	50	34.5	29.8 - 39.5	257
b. Asthma	22.2	15.4 - 30.8	85	24.3	17.6 - 32.4	121	23.7	14.1 - 36.9	50	23.5	19.0 - 28.6	256
c. Chronic disease prevention (e.g., diabetes, obesity prevention)	24.2	17.9 - 31.8	86	31.2	24.7 - 38.4	121	34.0	23.7 - 46.0	50	29.4	25.1 - 34.2	257
d. Emotional and mental health	57.6	48.3 - 66.4	86	65.4	58.2 - 72.0	120	54.1	42.7 - 65.1	50	60.5	55.4 - 65.3	256
e. Epilepsy or seizure disorder	23.4	17.4 - 30.7	86	32.3	25.0 - 40.5	121	36.3	25.0 - 49.3	50	30.2	25.5 - 35.4	257
f. Food allergies	32.8	24.9 - 41.8	86	37.9	29.9 - 46.6	121	37.9	26.6 - 50.8	50	36.2	30.9 - 41.8	257
g. Foodborne illness prevention	22.6	16.9 - 29.7	85	23.9	17.6 - 31.5	120	26.1	15.7 - 40.1	50	23.9	19.6 - 28.9	255
h. HIV prevention	17.8	12.8 - 24.2	86	20.9	15.1 - 28.3	121	18.1	10.0 - 30.6	50	19.3	15.5 - 23.8	257
i. Human sexuality	19.3	12.8 - 27.9	86	24.8	18.6 - 32.3	120	25.8	16.3 - 38.1	50	23.2	18.9 - 28.1	256
j. Infectious disease prevention (e.g., flu prevention)	29.8	22.8 - 37.8	86	37.9	30.7 - 45.7	121	42.1	30.1 - 55.2	50	36.1	31.2 - 41.3	257

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22. Percentage of schools in which the lead health education teacher received professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on each of the following topics during the past two years.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
k. Injury prevention and safety	31.6	24.7 - 39.5	86	43.9	36.0 - 52.0	121	53.2	41.5 - 64.5	49	41.7	36.8 - 46.9	256
l. Nutrition and dietary behavior	24.4	17.5 - 32.9	86	29.9	23.1 - 37.7	119	39.8	29.6 - 51.0	50	30.1	25.6 - 35.1	255
m. Physical activity and fitness	41.1	32.9 - 49.8	86	54.8	46.4 - 62.9	120	44.1	32.4 - 56.6	50	48.0	42.7 - 53.4	256
n. Pregnancy prevention	17.3	11.6 - 25.0	86	17.9	12.8 - 24.4	121	16.0	8.5 - 28.1	50	17.3	13.7 - 21.7	257
o. STD prevention	15.6	10.3 - 23.1	85	17.0	11.8 - 23.8	121	22.1	12.8 - 35.3	50	17.6	13.8 - 22.2	256
p. Suicide prevention	57.0	48.2 - 65.4	85	61.8	54.6 - 68.5	121	62.0	49.6 - 72.9	50	60.3	55.2 - 65.2	256
q. Tobacco-use prevention	25.4	19.4 - 32.6	85	30.9	24.1 - 38.7	121	44.1	32.8 - 56.1	50	31.9	27.4 - 36.8	256
r. Violence prevention (e.g., bullying, fighting, dating violence prevention)	58.8	49.6 - 67.5	86	62.6	55.5 - 69.2	121	62.1	49.2 - 73.4	50	61.3	56.1 - 66.2	257

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## 2020 School Health Profiles Report Weighted Lead Health Education Teacher Survey Results

23. Percentage of schools in which the lead health education teacher received professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on each of the following topics during the past two years.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
a. Teaching students with physical, medical, or cognitive disabilities	58.3	49.3 - 66.8	86	59.8	52.0 - 67.2	121	67.8	55.0 - 78.4	50	61.0	55.7 - 66.0	257
b. Teaching students of various cultural backgrounds	60.0	51.6 - 67.9	86	52.4	44.2 - 60.6	121	42.0	33.1 - 51.4	50	52.8	47.7 - 57.8	257
c. Teaching students with limited English proficiency	33.7	25.7 - 42.7	86	30.3	24.2 - 37.1	121	30.1	20.9 - 41.3	50	31.4	26.9 - 36.2	257
d. How to support lesbian, gay, bisexual, and transgender students	31.6	25.2 - 38.8	86	31.1	24.7 - 38.2	121	21.7	14.4 - 31.5	50	29.3	25.2 - 33.7	257
e. Using interactive teaching methods (e.g., role plays, cooperative group activities)	62.2	53.6 - 70.0	86	66.7	58.6 - 73.9	121	63.9	53.7 - 72.9	50	64.6	59.5 - 69.4	257
f. Encouraging family or community involvement	43.1	35.1 - 51.5	86	57.1	48.5 - 65.4	121	44.0	33.5 - 55.0	50	49.8	44.5 - 55.1	257
g. Teaching skills for behavior change	54.0	45.7 - 62.1	85	67.1	59.4 - 74.0	120	54.9	43.0 - 66.3	49	60.3	55.2 - 65.2	254
h. Classroom management techniques (e.g., social skills training, environmental modification, conflict resolution and mediation, behavior management)	67.2	58.3 - 75.1	85	76.3	68.0 - 83.0	121	75.7	62.2 - 85.5	49	73.2	67.8 - 78.0	255
i. Assessing or evaluating students in health education	38.2	30.0 - 47.2	85	48.8	41.8 - 55.8	121	46.3	33.9 - 59.1	50	44.8	39.8 - 49.9	256

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24. Percentage of schools in which the lead health education teacher received professional development on each of the following topics related to teaching sexual health education during the past two years.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
a. Aligning lessons and materials with the district scope and sequence for sexual health education	41.1	32.6 - 50.2	86	28.3	22.5 - 35.0	121	38.3	27.3 - 50.7	50	34.6	30.0 - 39.6	257
b. Creating a comfortable and safe learning environment for students receiving sexual health education	30.7	23.1 - 39.6	86	26.6	20.5 - 33.6	121	32.9	21.6 - 46.6	49	29.2	24.6 - 34.3	256
c. Connecting students to on-site or community-based sexual health services	22.3	15.6 - 30.9	86	15.3	10.5 - 21.8	121	16.5	8.8 - 28.8	49	17.9	14.1 - 22.4	256
d. Using a variety of effective instructional strategies to deliver sexual health education	22.8	15.9 - 31.6	86	21.9	16.0 - 29.2	121	26.7	17.1 - 39.1	49	23.2	18.9 - 28.1	256
e. Building student skills in HIV, other STD, and pregnancy prevention	26.6	19.3 - 35.5	86	17.7	12.3 - 24.6	121	20.6	11.6 - 33.8	49	21.2	17.0 - 26.1	256
f. Assessing student knowledge and skills in sexual health education	29.9	22.5 - 38.6	86	21.9	15.8 - 29.6	120	26.8	16.8 - 39.8	49	25.6	21.1 - 30.7	255
g. Understanding current district or school board policies or curriculum guidance regarding sexual health education	39.0	30.2 - 48.7	86	34.2	27.3 - 41.9	121	33.0	22.5 - 45.6	49	35.6	30.6 - 40.9	256
h. Identifying appropriate modifications to the sexual health curriculum to meet the needs of all students	24.8	18.3 - 32.7	85	25.1	18.7 - 32.8	121	26.9	17.3 - 39.3	49	25.4	21.0 - 30.3	255
i. Engaging parents in sexual health education	12.1	7.0 - 20.3	86	13.7	9.2 - 20.0	121	18.5	10.9 - 29.6	49	14.2	10.8 - 18.4	256

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25. Percentage of schools in which the lead health education teacher would like to receive professional development on each of the following topics.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
a. Alcohol- or other drug-use prevention	65.5	56.5 - 73.6	86	57.5	49.5 - 65.2	121	46.2	33.9 - 58.9	50	57.8	52.4 - 63.0	257
b. Asthma	44.7	34.5 - 55.4	86	40.4	32.7 - 48.6	120	33.7	24.7 - 44.1	50	40.4	35.1 - 46.0	256
c. Chronic disease prevention (e.g., diabetes, obesity prevention)	50.3	40.5 - 60.2	86	54.0	47.0 - 60.8	119	50.2	37.7 - 62.7	50	52.0	46.6 - 57.3	255
d. Emotional and mental health	71.8	61.9 - 79.9	86	72.9	65.2 - 79.4	121	65.9	55.0 - 75.4	50	71.1	65.9 - 75.7	257
e. Epilepsy or seizure disorder	52.6	42.5 - 62.4	86	37.7	30.5 - 45.5	121	41.8	29.7 - 54.9	50	43.5	38.1 - 49.0	257
f. Food allergies	50.5	39.9 - 61.1	86	37.6	30.7 - 45.2	121	42.2	30.6 - 54.8	50	42.8	37.4 - 48.5	257
g. Foodborne illness prevention	44.7	34.6 - 55.2	86	31.1	24.7 - 38.3	121	36.0	25.2 - 48.5	50	36.6	31.5 - 42.0	257
h. HIV prevention	55.1	45.8 - 64.1	86	38.5	30.8 - 46.8	121	44.0	33.2 - 55.5	50	45.1	39.8 - 50.6	257
i. Human sexuality	66.0	56.0 - 74.7	86	52.2	45.0 - 59.3	121	51.8	40.0 - 63.3	50	56.6	51.4 - 61.7	257
j. Infectious disease prevention (e.g., flu prevention)	49.5	40.2 - 58.8	86	44.0	36.9 - 51.5	119	53.9	43.6 - 63.9	50	47.9	42.9 - 53.0	255
k. Injury prevention and safety	44.7	34.4 - 55.4	86	47.3	39.7 - 55.0	121	52.2	40.9 - 63.2	50	47.4	42.0 - 53.0	257

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25. Percentage of schools in which the lead health education teacher would like to receive professional development on each of the following topics.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
l. Nutrition and dietary behavior	64.5	54.2 - 73.6	86	61.3	54.2 - 67.9	121	56.1	44.6 - 67.0	50	61.3	56.0 - 66.3	257
m. Physical activity and fitness	62.7	53.8 - 70.8	86	55.3	47.7 - 62.5	121	52.2	43.0 - 61.2	50	57.1	52.1 - 61.9	257
n. Pregnancy prevention	55.1	45.5 - 64.4	86	38.3	31.2 - 46.0	121	44.2	32.4 - 56.7	50	45.1	39.8 - 50.5	257
o. STD prevention	59.9	50.5 - 68.7	86	45.9	38.0 - 54.0	120	52.2	39.9 - 64.2	50	51.9	46.4 - 57.3	256
p. Suicide prevention	64.8	55.0 - 73.5	86	71.5	63.2 - 78.5	121	66.3	55.8 - 75.3	50	68.2	62.9 - 73.1	257
q. Tobacco-use prevention	60.2	50.9 - 68.8	86	53.7	45.2 - 62.0	121	55.9	43.0 - 68.0	50	56.3	50.7 - 61.8	257
r. Violence prevention (e.g., bullying, fighting, dating violence prevention)	65.8	56.7 - 73.8	86	65.9	57.2 - 73.5	121	60.2	49.5 - 69.9	50	64.6	59.3 - 69.7	257

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26. Percentage of schools in which the lead health education teacher would like to receive professional development on each of the following topics.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
a. Teaching students with physical, medical, or cognitive disabilities	57.7	46.9 - 67.7	85	69.8	62.1 - 76.5	121	50.0	39.4 - 60.7	50	61.7	56.2 - 66.9	256
b. Teaching students of various cultural backgrounds	47.4	38.4 - 56.6	85	63.3	55.7 - 70.3	121	41.8	31.9 - 52.4	50	53.6	48.6 - 58.6	256
c. Teaching students with limited English proficiency	40.7	31.3 - 50.7	85	49.5	42.4 - 56.7	120	32.0	22.3 - 43.6	50	43.0	37.9 - 48.2	255
d. Supporting lesbian, gay, bisexual, and transgender students	53.3	43.8 - 62.6	85	60.3	53.5 - 66.8	121	39.7	29.5 - 51.0	50	53.7	48.8 - 58.6	256
e. Using interactive teaching methods (e.g., role plays, cooperative group activities)	55.1	45.2 - 64.6	85	57.5	49.4 - 65.3	121	51.8	41.0 - 62.3	50	55.5	50.1 - 60.9	256
f. Encouraging family or community involvement	57.4	48.4 - 66.0	85	64.6	56.6 - 71.9	120	59.8	48.7 - 70.0	50	61.3	56.0 - 66.3	255
g. Teaching skills for behavior change	61.7	51.6 - 70.9	85	67.4	59.9 - 74.1	121	63.8	52.4 - 73.8	50	64.8	59.5 - 69.7	256
h. Classroom management techniques (e.g., social skills training, environmental modification, conflict resolution and mediation, behavior management)	48.6	40.0 - 57.4	85	59.7	50.9 - 67.9	120	57.8	47.3 - 67.6	50	55.7	50.3 - 60.9	255
i. Assessing or evaluating students in health education	57.9	48.3 - 67.0	85	59.8	52.1 - 67.1	120	50.0	39.8 - 60.2	50	57.2	51.9 - 62.2	255

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27. Percentage of schools in which the lead health education teacher would like to receive professional development on each of the following topics related to teaching sexual health education.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
a. Aligning lessons and materials with the district scope and sequence for sexual health education	48.4	38.7 - 58.2	85	43.8	35.4 - 52.6	121	47.9	36.8 - 59.2	50	46.1	40.5 - 51.9	256
b. Creating a comfortable and safe learning environment for students receiving sexual health education	51.4	42.3 - 60.4	85	51.9	44.1 - 59.7	121	46.0	34.1 - 58.3	50	50.5	45.2 - 55.8	256
c. Connecting students to on-site or community-based sexual health services	53.5	43.9 - 62.9	85	45.1	37.5 - 52.9	121	48.1	37.0 - 59.3	50	48.5	43.1 - 53.8	256
d. Using a variety of effective instructional strategies to deliver sexual health education	61.5	51.5 - 70.6	85	51.1	43.5 - 58.7	121	60.0	46.8 - 71.9	50	56.4	50.8 - 61.7	256
e. Building student skills in HIV, other STD, and pregnancy prevention	53.5	44.8 - 62.1	85	49.1	41.5 - 56.8	121	52.1	39.0 - 64.9	50	51.2	45.8 - 56.5	256
f. Assessing student knowledge and skills in sexual health education	54.8	45.6 - 63.6	85	46.5	39.0 - 54.1	121	56.0	43.6 - 67.8	50	51.2	45.9 - 56.5	256
g. Understanding current district or school board policies or curriculum guidance regarding sexual health education	47.6	38.2 - 57.2	85	44.0	36.3 - 52.0	121	49.8	38.6 - 61.0	50	46.4	41.1 - 51.8	256
h. Identifying appropriate modifications to the sexual health curriculum to meet the needs of all students	56.7	46.5 - 66.3	83	50.8	43.1 - 58.4	120	53.7	43.4 - 63.7	50	53.3	48.0 - 58.6	253
i. Engaging parents in sexual health education	58.3	48.9 - 67.1	84	48.2	40.3 - 56.2	119	53.7	40.9 - 66.0	50	52.7	47.2 - 58.1	253

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28. Percentage of schools in which the major emphasis of the lead health education teacher's professional preparation was on the following:

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
a. Health and physical education combined	53.6	43.6 - 63.3	83	54.3	45.7 - 62.6	114	35.4	23.4 - 49.6	42	50.5	44.6 - 56.3	239
b. Health education	7.3	3.6 - 14.4	83	7.0	3.8 - 12.5	114	2.3	0.4 - 11.6	42	6.2	4.0 - 9.6	239
c. Physical education	17.8	12.0 - 25.6	83	20.8	14.6 - 28.8	114	26.2	16.5 - 39.1	42	20.8	16.6 - 25.8	239
d. Other education degree	7.2	3.5 - 14.2	83	4.2	2.3 - 7.4	114	14.5	8.3 - 24.0	42	7.2	5.0 - 10.2	239
e. Kinesiology, exercise science, or exercise physiology	1.3	0.2 - 6.9	83	3.4	1.4 - 7.7	114	0.0	†	42	2.0	0.9 - 4.3	239
f. Home economics or family and consumer science	6.8	3.4 - 13.3	83	1.8	0.5 - 5.8	114	14.4	6.9 - 27.6	42	5.9	3.7 - 9.2	239
g. Biology or other science	2.6	0.8 - 8.4	83	1.7	0.5 - 5.6	114	2.5	0.4 - 12.6	42	2.2	1.0 - 4.6	239
h. Nursing	2.3	0.7 - 7.2	83	2.6	1.0 - 6.7	114	0.0	†	42	2.0	0.9 - 4.2	239
i. Counseling	1.1	0.2 - 5.6	83	0.9	0.2 - 4.6	114	0.0	†	42	0.8	0.2 - 2.5	239
j. Public health	0.0	†	83	0.9	0.2 - 4.6	114	0.0	†	42	0.4	0.1 - 2.2	239
k. Nutrition	0.0	†	83	0.0	†	114	0.0	†	42	0.0	†	239
l. Other	0.0	†	83	2.6	1.0 - 6.7	114	4.7	1.4 - 14.8	42	2.1	1.0 - 4.4	239

† Confidence intervals not applicable for 0 percent or 100 percent.  
N = Unweighted number of observations

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29. Percentage of schools in which the lead health education teacher is certified, licensed, or endorsed by the state to teach health education in middle school or high school.

High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
95% Confidence			95% Confidence			95% Confidence			95% Confidence		
Percent	Interval	N	Percent	Interval	N	Percent	Interval	N	Percent	Interval	N
95.5	89.8 - 98.1	86	87.8	82.5 - 91.7	121	76.2	63.9 - 85.2	50	87.9	84.2 - 90.9	257

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30. Percentage of schools in which the lead health education teacher had the following number of years of experience teaching health education courses or topics.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
a. 1 year	9.6	6.1 - 14.6	85	11.8	7.4 - 18.3	119	16.0	8.5 - 28.0	50	11.9	8.9 - 15.9	254
b. 2 to 5 years	20.1	14.3 - 27.6	85	23.2	18.0 - 29.5	119	30.0	20.9 - 41.0	50	23.6	19.8 - 27.9	254
c. 6 to 9 years	19.7	13.7 - 27.6	85	18.8	13.4 - 25.9	119	21.7	15.4 - 29.7	50	19.7	16.1 - 24.0	254
d. 10 to 14 years	16.0	10.4 - 23.7	85	15.7	10.7 - 22.3	119	14.2	8.1 - 23.6	50	15.4	12.0 - 19.6	254
e. 15 years or more	34.6	27.0 - 43.1	85	30.5	24.0 - 37.9	119	18.1	10.7 - 29.0	50	29.2	24.9 - 34.1	254

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